

iMTEC 1430V

iMTEC 1441V

USER'S MANUAL
COLOR MONITOR (VGA)

iMTEC

Warning:

TO PREVENT FIRE OR SHOCK HAZARD,
DO NOT EXPOSE APPLIANCE TO RAIN
OR MOISTURE.

Features:

- High performance CRT for sharp and crisp images
- 14" diagonal screen
- 256 Color display
- R.G.B. direct drive system
- Compatible with IBM PS/2

This manual has been prepared to assist you in becoming familiar with your new color monitor. To obtain optimum results, spend a few minutes reading this manual carefully before you start operating this unit.

HOW TO GET THE MOST FROM YOUR NEW VGA COLOR MONITOR

Instructions to User:

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio / TV technician for help.

If necessary, consult your dealer or an experienced radio / television technician for additional suggestions. The user may find the following booklet prepared by the Federal Communications Commission, "How to Identify and Resolve Radio - TV Interference Problems". This booklet is available from the U. S. Government Printing Office, Washington, D. C. 20402, Stock number 004 - 000 - 00345 - 4.

Power Source: This color monitor is designed to operate on 120 VAC / 60 Hz

This unit should be interconnected with data source equipment by means of appropriate shielded cable to comply with FCC requirements on RF emission limits.

Caution: Plug the AC power cord to the specified outlet.

N/C means no connection.

| Pin | Function | Pin | Function | |
|-----|--------------|-----|-------------|--|
| 1 | Red | 11 | Digital Gnd | |
| 2 | Green | 12 | N/C | |
| 3 | Blue | 13 | H-Sync | |
| 4 | N/C | 14 | V-Sync | |
| 5 | Self Raster | 15 | N/C | |
| 6 | Red Return | | | |
| 7 | Green Return | | | |
| 8 | Blue Return | | | |
| 9 | N/C | | | |
| 10 | Digital Gnd | | | |

ture 15 Pin D-shell connector.

The connection which interlaces with the IBM PS/2 is a submini-

- Input connection

Operating Guide: • Input Signal: R.G.B.Analog

CET APPAREIL EST CONFORME AUX NORMES CLASS "B".
INTERFERENCE RADIO TEL QUE SPECIFIÉ PAR LE MINI-
STERE CANADIEN DES COMMUNICATIONS DANS LES RÈGLES
MENTS D', INTERFERENCE RADIO.

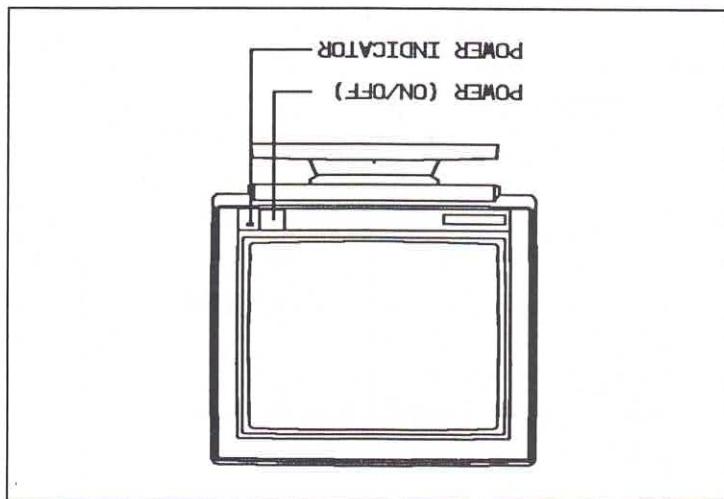
REGULATIONS.

THIS APPARATUS COMPLIES WITH THE CLASS "B" LIMITS
FOR RADIO INTERFERENCE AS SPECIFIED IN THE CANADIAN
DEPARTMENT OF COMMUNICATIONS' RADIO INTERFERENCE
COMMUNICATIONS REGULATIONS.
Requirement:

Department of
Communications,
Regulations:

To turn the monitor on, push the power (on/off) switch once. The power indicator (green) light will go on and stay lit until the monitor is turned off. To turn the monitor off, push the power (on/off) switch once again.

Front Controls: • POWER (ON/OFF)



FRONT VIEW

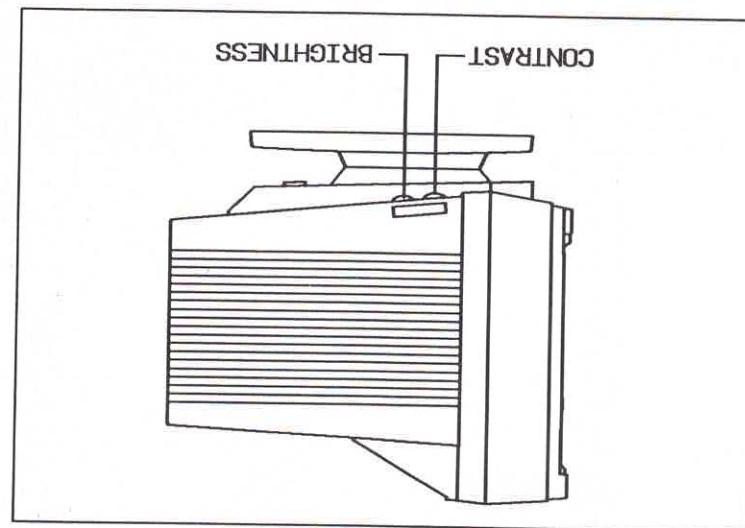
Controls:
Location of

SIDE CONTROLS:**● Contrast Control**

The Contrast control changes the difference in intensity between the light and dark colors. The contrast is increased when it is turned clockwise and is decreased when it is turned counterclockwise.

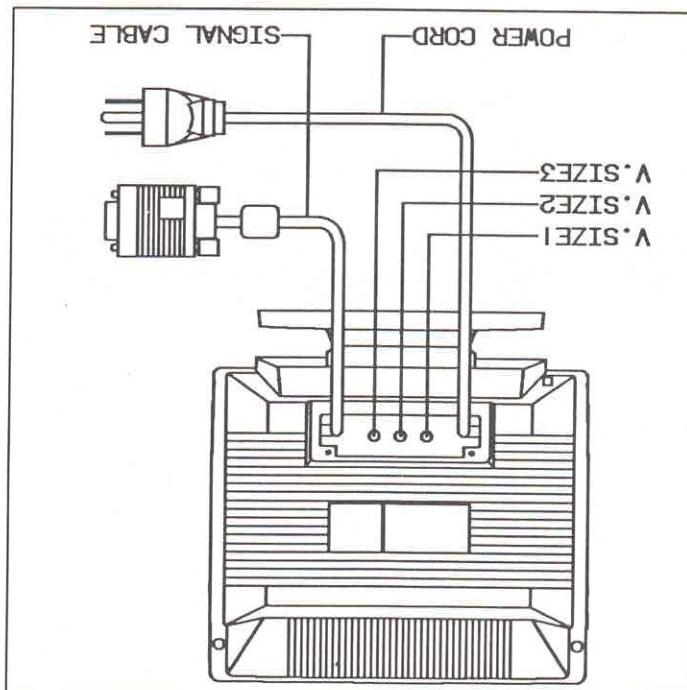
● Brightness Control

The Brightness control increases the intensity of the colors on the screen when it is turned clockwise and decreases the intensity when it is turned counterclockwise. This control has a slight 'catch' at its center position.

**SIDE VIEW**

- V. SIZE 1. Use this control to adjust the vertical size of the display
for Mode 1.
- V. SIZE 2. Use this control to adjust the vertical size of the display
for Mode 2.
- V. SIZE 3. Use this control to adjust the vertical size of the display
for Mode 3.

Rear Controls: • VERTICAL SIZE ADJUSTMENTS



REAR VIEW

* Specifications are subject to change without notice.

- CRT size 14"(90°)
 - Dot pitch 0.31 mm (1430V) 0.41 mm (1441V)
 - Scanning Frequency Horizontal 31.5 KHz Vertical 60/70Hz
 - Scanning status Mode 1 720 Dots X 350 Lines Mode 2 720 Dots X 400 Lines Mode 3 640 Dots X 480 Lines
 - Signal input RGB/Analog separate
 - Power input 120VAC, 60Hz
 - Power consumption 80Watts MAX
 - Dimensions 357 (W) X 386(D) X 351(H)mm
 - Weight 11.5 Kg
- Specifications:**

Memorandum

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